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OFFICE OF STRATEGIC SERVICES
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THE GERMAN AIR POSITION

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19 February 1944

GERMAN AIR POSITION

This book was prepared as a reference on the German Air Position. It consists of a group of tables on strength, attrition, production, and operations based primarily on various British Air Ministry publications, with modifications incorporated by the O.S.S. in some cases.

The first table shows the overall relationship of production, wastage, and strength in the German Air Force. Attrition is computed as the residual between production and strength, both of which are independently estimated.

I. STRENGTH

Table S-1 shows the initial establishment (I.E.) of the German Air Force. Initial establishment refers to the squadron strength and assumes all squadrons to be up to full strength except those which are non-operational in Central Germany. These are squadrons which have suffered such losses above replacement that their strength has been reduced to half the I.E. or less. They are returned to Germany to rest the crews and re-equip the units. Non-operational squadrons are allowed a certain proportion of full strength according to how long they have been re-equipping. Table S-1 also shows the disposition of German initial equipment in the theaters of operation.

In Tables S-2 and S-5 are found breakdowns of the dispositions in the major theaters by types, including the estimated strength by types of non-operational squadrons. Table S-6 shows the breakdown of initial establishment according to types of planes, as opposed to the breakdown by theaters in S-1. Initial equipment can be estimated with a high degree of accuracy.

At any time, however, the German Air Force may be above or below initial equipment strength according to the relationship between losses and replacements prevailing over a given period. Obviously, it is not an easy task to keep up with the day-to-day movements, but actual strength can be roughly estimated and is presented in Table S-7 broken down by fronts.

In Table S-8, total German combat strength is shown. It excludes combat planes in the training organization or under repair. The first-line strength corresponds to total actual strength in Table S-7. Small variations in the first-of-the-month figures in the two tables may be accounted for partly by the difference in dates by a few days and partly by the fact that the figures in S-7 are published within a day or two after the date of the figures, while those used in S-8 appear a month later and permit more careful calculations and revisions. The last column in Table S-8 is the sum of the other two and is the series used in the profit and loss table, Table A.

II. ATTRITION

Total attrition as shown in Table A includes aircraft lost in combat, those lost behind the lines due either to damage suffered in combat or flying accidents, and combat planes lost in training. The disadvantage of that series is that it is not an independent estimate of the sources of attrition, but rather a residual and hence dependent on the accuracy of the production and strength series.

Table A-1, which is not completed, will attempt to show O.S.S. estimates of total attrition and its components directly estimated. Table A-2 shows German losses in combat according to pilots' claims. U. S. claims are not included under Western Europe, but are shown

separately in A-3. The claims for the Mediterranean Theater, however, are total Allied claims including those of U. S. units from November 1942 on.

Tables A-4 and A-5 present overall monthly attrition as estimated by the British Air Ministry. A-4 is a breakdown by types, A-5 by theaters. These figures take account of pilots' claims, but are based on a number of other factors, mainly German scale of effort and probable rate of loss per sortie.

The Air Ministry attrition series differs from that in Table A in that the former purports to be more than a residual, takes account of input and output from repair, and balances strength against unrevised production figures. The estimates of German aircraft attrition in Tables A-4 and A-5 are believed to be too low primarily because they balance G.A.F. strength against production figures which have subsequently been revised upward.

III. PRODUCTION

Table P-1 shows the breakdown of the production figures used in Table A. In addition, it contains estimated production of transport and trainer planes. Where the Air Ministry has reviewed and changed its series, the revised figures are used. Monthly production of single-engine fighters throughout 1943 has been revised upward in the light of knowledge available at the end of the year.

IV. OPERATIONS

In Table O-1 is presented the German scale of effort by types of planes. Only operational sorties are included and no figures are available for the Russian Front.

Supplements to all tables will be issued monthly, and, if there are major revisions, new tables will be issued.

Table A. GAF PRODUCTION, WASTAGE, AND STRENGTH
Combat Types

Date		Production[1] (1)	Attrition[2] (2)	Strength[3] (3)
1942	June	1,280	1,530	5,800
	July	1,280	1,430	5,550
	August	1,275	1,375	5,400
	September	1,295	1,295	5,300
	October	1,310	1,320	5,300
	November	1,305	1,495	5,290
	December	1,330	1,680	5,100
1943	January	1,360	1,430	4,750
	February	1,455	1,225	4,680
	March	1,500	1,135	4,910
	April	1,580	1,455	5,275
	May	1,705	1,455	5,400
	June	1,775	1,375	5,650
	July	1,745	1,265	6,050
	August	1,515	1,460	5,670
	September	1,490	1,490	5,725
	October	1,500	1,260	5,725
	November	1,455	1,085	5,965
	December	1,335	1,105	6,380
1944	January			6,610

1. Source: British Air Ministry Monthly Summary of "German Aircraft Production", revised.
2. Attrition is the residual between strength and production.
3. Strength refers to actual strength of first-line units plus stored reserves. Cf. Table S-8. Source: British Air Ministry, "Monthly Summary of Wastage and Reserves of Operational Aircraft in the G.A.F.".

TABLE S-1 (a). DISPOSITION OF THE GERMAN AIR FORCE BY THEATERS

INITIAL EQUIPMENT*

1939--1941

Date	Total	Poland	Norway	Western front	Medi-terra-nean	Balkans	Russia	Non-operational (Central Germany)
1939								
Sep.	3,250	1,360	.....	1,580	.....	.....	.....	310
Oct.	.....	.....	.....	.....	.....	.....	.....	.....
Nov.	.....	.....	.....	.....	.....	.....	.....	.....
Dec.	.....	.....	.....	.....	.....	.....	.....	.....
1940								
Jan.	.....	.....	.....	.....	.....	.....	.....	.....
Feb.	.....	.....	.....	.....	.....	.....	.....	.....
Mar.	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 9	3,710	.....	810	2,210	.....	.....	.....	690
May 10	4,210	.....	320	3,300	.....	.....	.....	590
June	.....	.....	.....	.....	.....	.....	.....	.....
July	4,430	.....	350	3,450	.....	.....	.....	630
Aug. 8	.....	.....	.....	.....	.....	.....	.....	.....
Sep.	.....	.....	.....	.....	.....	.....	.....	.....
Oct.	.....	.....	.....	.....	.....	.....	.....	.....
Nov.	.....	.....	.....	.....	.....	.....	.....	.....
Dec.	.....	.....	.....	.....	.....	.....	.....	.....
1941								
Jan.	.....	.....	.....	.....	.....	.....	.....	.....
Feb.	.....	.....	.....	.....	.....	.....	.....	.....
Mar.	.....	.....	.....	.....	.....	.....	.....	.....
Apr. 6	4,420	.....	240	2,260	350	1,000	.....	570
May	.....	.....	.....	.....	.....	.....	.....	.....
June 21	4,540	.....	150	1,160	150	240	2,500	340
July	.....	.....	.....	.....	.....	.....	2,750	.....
Aug. 30	4,540	.....	.....	.....	.....	.....	2,640	.....
Sep.	.....	.....	.....	.....	.....	.....	2,167	.....
Oct. 31	4,550	.....	.....	.....	.....	.....	2,167	.....
Nov.	4,550	.....	.....	.....	.....	.....	.....	.....
Dec.	.....	.....	.....	.....	.....	.....	.....	.....

* British Air Ministry estimates

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TABLE 5-1 (b). DISPOSITION OF THE GERMAN AIR FORCE BY THEATERS

INITIAL EQUIPMENT*

1942--1943

Date	Total	Western front	Mediterranean front	Russia	Non-operational (Central Germany)
1942					
Jan.	3,980	.....	.....	1,885	.....
Feb.	.....	.....	.....	1,640	.....
Mar. 14	4,260	993	741	1,965	541
Apr. 13	4,370	999	732	2,045	594
May 2	4,440	1,107	672	1,973	680
June 6	4,570	1,166	600	2,427	377
13	4,590	1,139	612	2,427	412
20	4,580	1,142	594	2,440	404
27	4,670	1,092	621	2,496	461
July 4	4,700	1,089	687	2,568	356
11	4,700	1,131	717	2,508	344
18	4,730	1,212	717	2,544	257
25	4,740	1,248	717	2,565	210
Aug. 1	4,700	1,257	693	2,478	272
8	4,700	1,242	663	2,460	335
15	4,700	1,209	687	2,442	362
22	4,600	1,191	690	2,412	407
29	4,710	1,200	720	2,493	297
Sep. 5	4,700	1,215	720	2,505	260
12	4,730	1,179	720	2,520	311
19	4,640	1,197	714	2,429	300
26	4,740	1,226	719	2,457	338
Oct. 3	4,730	1,226	719	2,478	307
10	4,585	1,206	748	2,309	322
17	4,545	1,188	753	2,252	352
24	4,525	1,205	770	2,190	360
31	4,525	1,199	805	2,175	346
Nov. 7	4,530	1,116	937	2,079	398
14	4,520	1,070	1,058	2,064	328
21	4,440	1,079	1,051	1,965	345
28	4,475	1,100	1,110	2,004	261
Dec. 5	4,510	1,068	1,186	2,034	222
12	4,510	1,077	1,216	2,007	210
19	4,480	1,083	1,177	2,010	210
26	4,440	1,086	1,142	1,968	244
1943					
Jan. 2	4,430	1,096	1,074	1,947	313
9	4,395	1,080	1,065	1,878	372
16	4,402	1,092	1,053	1,815	442
23	4,400	1,083	1,024	1,845	448
30	4,385	1,133	1,000	1,836	416

TABLE S-1 (b) (cont'd.). DISPOSITION OF THE GERMAN AIR FORCE BY THEATERS

INITIAL EQUIPMENT*

1942--1943

Date		Total	Western front	Mediterranean front	Russia	Non-operational (Central Germany)
1943						
Feb.	6	4,395	1,151	1,002	1,779	463
	13	4,243	1,175	993	1,626	449
	20	4,519	1,274	1,017	1,836	392
	27	4,649	1,341	978	1,869	461
Mar.	6	4,555	1,259	1,005	1,773	518
	13	4,595	1,268	972	1,770	585
	20	4,680	1,337	1,017	1,836	490
	27	4,685	1,341	972	1,797	575
Apr.	3	4,700	1,341	972	1,761	626
	10	4,737	1,359	948	1,791	639
	17	4,152	1,428	963	1,761	648
	24	-	-	-	-	-
May	1	4,820	1,497	888	1,800	635
	8	4,835	1,512	948	1,782	593
	15	4,865	1,536	945	1,854	584
	22	4,905	1,599	945	1,854	507
June	1	4,950	1,598	990	1,951	411
	5	4,975	1,607	894	1,930	544
	12	5,055	1,616	927	1,999	513
	19	5,085	1,538	1,005	1,954	498
	26	5,135	1,583	1,125	1,957	470
July	3	5,200	1,553	1,188	1,951	508
	10	5,205	1,543	1,191	1,973	498
	17	5,255	1,543	1,260	2,000	452
	24	5,235	1,483	1,425	1,940	387
	31	5,045	1,515	1,128	1,953	449
Aug.	6	5,050	1,602	1,089	1,896	463
	13	5,025	1,602	1,113	1,845	465
	20	5,085	1,650	1,137	1,845	453
	27	5,140	1,746	1,092	1,863	439
Sep.	3	5,150	1,869	951	1,866	464

* British Air Ministry estimate

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Table 8-1b (cont'd.)

Date			Total	Western Front	South Germany[1] and Austria	Russian Front	Mediterranean Front	Non-Operational
1943	September	10	5,240	1,929	---	1,857	1,014	440
		17	5,255	2,019	---	1,815	987	434
		24	5,175	2,034	---	1,821	855	465
	October	1	5,205	1,992	120	1,749	954	390
		8	5,255	1,950	219	1,704	951	431
		15	5,265	1,884	219	1,692	948	522
		22	5,255	1,914	189	1,692	951	509
		29	5,325	1,953	189	1,758	924	501
	November	5	5,340	1,926	189	1,788	1,002	435
		12	5,380	1,921	189	1,783	979	508
		19	5,395	1,968	207	1,771	908	541
		26	5,485	1,960	300	1,750	917	558
	December	3	5,520	1,954	300	1,789	940	537
		10	5,520	1,984	270	1,819	784	663
		17	5,490	1,984	279	1,789	763	675
		23	5,465	1,987	279	1,777	754	668
		31	5,565	2,059	309	1,783	715	699
1944	January	7	5,530	2,119	279	1,783	679	670
		14	5,440	2,053	309	1,783	628	667
		21	5,475	2,171	279	1,768	702	555
		28	5,425	2,186	279	1,690	789	481
	February	4	5,365	2,201	261	1,588	868	427

1. Composed partly of units formerly included under Western Front and partly of new units.

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TABLE S-2. DISPOSITION OF THE GERMAN AIR FORCE ON THE WESTERN FRONT

INITIAL EQUIPMENT BY TYPES*

Date	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1939											
Sep. 1	1,580	450	60	510	630	130	90	...	50	170	...
Oct.	.....	...	...	...	...	...	...	...	...	...	...
Nov.	.....	...	...	...	...	...	...	...	...	...	...
Dec.	.....	...	...	...	...	...	...	...	...	...	...
1940											
Jan.	.....	...	...	...	...	...	...	...	...	...	...
Feb.	.....	...	...	...	...	...	...	...	...	...	...
Mar.	.....	...	...	...	...	...	...	...	...	...	...
Apr. 9	2,210	520	170	690	850	200	210	...	160	100	...
May 10	3,300	770	220	990	1,280	360	270	...	230	170	...
June	.....	...	...	...	...	...	...	...	...	...	...
July	.....	...	...	...	...	...	...	...	...	...	...
Aug. 8	3,450	720	340	1,060	1,270	290	480	...	200	150	...
Sep.	.....	...	...	...	...	...	...	...	...	...	...
Oct.	.....	...	...	...	...	...	...	...	...	...	...
Nov.	.....	...	...	...	...	...	...	...	...	...	...
Dec.	.....	...	...	...	...	...	...	...	...	...	...
1941											
Jan.	.....	...	...	...	...	...	...	...	...	...	...
Feb.	.....	...	...	...	...	...	...	...	...	...	...
Mar.	.....	...	...	...	...	...	...	...	...	...	...

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TABLE S-2 (cont'd.). DISPOSITION OF THE GERMAN AIR FORCE ON THE WESTERN FRONT

INITIAL EQUIPMENT BY TYPES*

Date	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1941											
Apr. 6	2,260	680	160	840	900	240	60	...	160	60	...
May	.....	...	...	...	...	...	...	...	...	...	...
June 22	1,160	300	230	530	310	90	60	...	20	150	...
July	.....	...	...	...	...	...	...	...	...	...	...
Aug.	.....	...	...	...	...	...	...	...	...	...	...
Sep.	.....	...	...	...	...	...	...	...	...	...	...
Oct.	.....	...	...	...	...	...	...	...	...	...	...
Nov.	.....	...	...	...	...	...	...	...	...	...	...
Dec.	.....	...	...	...	...	...	...	...	...	...	...
1942											
Jan.	.....	...	...	...	...	...	...	...	...	...	...
Feb.	.....	...	...	...	...	...	...	...	...	...	...
Mar. 14	993	357	177	534	255	93	18	...	9	84	...
Apr. 13	999	377	189	566	243	78	18	...	...	94	...
May 2	1,107	416	210	626	279	81	18	...	...	103	...
June 6	1,166	395	248	643	345	78	18	...	...	84	...
13	1,139	393	248	641	318	78	18	...	...	84	150
20	1,142	393	248	641	318	75	18	...	...	90	150
27	1,092	393	267	660	249	75	18	...	...	90	150
July 4	1,089	384	267	651	249	75	18	...	...	96	150
11	1,131	399	267	666	279	75	18	...	...	93	150
18	1,212	402	267	669	348	84	18	...	...	93	150
25	1,248	402	279	681	363	93	18	...	...	93	150

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TABLE S-2 (cont'd.). DISPOSITION OF THE GERMAN AIR FORCE ON THE WESTERN FRONT

INITIAL EQUIPMENT BY TYPES*

Date	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1942											
Aug. 1	1,257	402	273	675	378	93	18	...	...	93	150
8	1,142	402	288	690	348	93	18	...	...	93	150
15	1,209	375	288	663	348	93	18	...	...	87	150
22	1,191	375	282	657	318	102	18	...	...	96	150
29	1,200	375	291	666	318	102	18	...	...	96	150
Sep. 5	1,215	393	291	684	327	102	18	...	...	84	150
12	1,179	393	300	693	288	102	18	...	...	78	150
19	1,197	402	309	711	288	102	18	...	...	78	150
26	1,226	402	314	716	297	102	18	...	...	93	150
Oct. 3	1,226	402	314	716	297	102	18	...	...	93	150
10	1,206	397	335	732	270	93	18	...	...	93	150
17	1,188	397	326	723	270	93	9	...	...	93	...
24	1,205	393	335	728	300	93	9	...	...	75	150
31	1,199	423	347	770	249	96	9	...	...	75	100
Nov. 7	1,116	387	356	741	193	96	9	...	...	75	100
14	1,070	366	356	722	168	96	9	...	...	75	100
21	1,079	366	347	713	168	96	9	...	18	75	100
28	1,100	357	347	704	198	96	9	...	18	75	100
Dec. 5	1,068	327	354	681	198	96	9	...	9	75	100
12	1,077	327	366	693	198	96	9	...	9	72	100
19	1,083	336	366	702	198	96	9	...	9	69	100
26	1,086	336	366	702	198	96	9	...	9	72	100

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TABLE S-2 (cont'd.). DISPOSITION OF THE GERMAN AIR FORCE ON THE WESTERN FRONT

INITIAL EQUIPMENT BY TYPES*

Date	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transport
1943											
Jan. 2	1,096	336	366	702	199	96	9	...	18	72	100
9	1,080	336	366	702	189	99	9	...	18	63	100
16	1,092	336	366	702	204	96	9	...	18	63	100
23	1,083	336	366	702	204	96	9	1	18	54	100
30	1,133	336	411	747	209	96	.	...	18	63	100
Feb. 6	1,151	336	411	747	224	99	.	...	18	63	100
13	1,175	336	411	747	239	108	.	...	18	63	100
20	1,274	366	471	837	239	117	.	...	18	63	100
27	1,341	372	459	831	249	117	.	57	18	69	100
Mar. 6	1,259	372	456	828	218	117	.	18	18	60	100
13	1,268	372	456	828	227	117	.	18	18	60	100
20	1,337	372	459	831	254	117	.	57	18	60	100
27	1,341	372	459	831	249	117	.	57	18	69	100
Apr. 3	1,341	372	459	831	249	117	.	57	18	69	100
10	1,359	381	459	840	249	117	.	57	18	78	100
17	1,428	420	489	879	249	117	.	57	18	78	100
24	.....	...	...	...	...	...	.	...	..	..	...
May 1	1,497	459	519	978	249	117	.	57	18	78	100
8	1,512	459	534	993	249	117	.	57	18	78	100
15	1,536	480	531	1011	258	114	.	57	18	78	100
22	1,599	540	531	1071	258	114	.	60	18	78	100
June 1	1,598	540	521	1061	261	96	.	90	18	72	100
5	1,607	549	521	1070	261	96	.	90	18	72	100
12	1,616	549	527	1076	261	96	.	93	18	72	100
19	1,628	621	527	1148	261	87	.	42	18	72	100
26	1,583	621	527	1148	222	84	.	39	18	72	100

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TABLE S-2. DISPOSITION OF THE GERMAN AIR FORCE ON THE WESTERN FRONT

INITIAL EQUIPMENT BY TYPES*

Date	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transport
1943											
July 3	1,553	621	527	1148	192	84	..	39	18	72	100
10	1,543	621	517	1148	192	84	..	39	18	72	100
17	1,543	621	517	1148	201	84	..	39	18	63	100
24	1,483	591	517	1108	201	84	..	9	18	63	100
31	1,515	600	507	1107	201	87	..	39	18	63	100
Aug. 6	1,602	648	546	1194	201	87	..	39	18	63	175
13	1,602	678	516	1194	201	87	..	39	18	63	75
20	1,650	684	567	1251	201	87	..	39	18	54	75
27	1,746	693	591	1284	249	102	..	39	18	54	75
Sept 3	1,869	723	612	1335	291	105	..	69	18	51	75

* Source: British Air Ministry

Table S-2 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long range bombers	Dive bombers	Fighter bombers	Long-range reconnaissance [1]	Tactical reconnaissance [1]	Coastal	Transports
1943												
Sept.	10	1,929	750	681	1,431	258	---	69	102	18	51	75
	17	2,019	780	741	1,521	258	---	69	102	18	51	75
	24	2,034	789	783	1,572	228	---	60	102	18	54	75
Oct.	1[2]	1,992	729	795	1,524	228	---	60	105	18	57	525
	8	1,950	699	774	1,473	237	---	60	105	18	57	585
	15	1,884	642	765	1,407	237	---	60	105	18	57	585
	22	1,914	702	765	1,467	216	---	60	96	18	57	585
	29	1,953	732	765	1,497	234	---	60	87	18	57	720
Nov.	5	1,926	702	765	1,467	237	---	60	87	18	57	720
	12	1,921	707	774	1,481	237	---	30	93	18	62	720
	19	1,968	707	765	1,472	287	---	30	99	18	62	720
	26	1,960	737	735	1,472	279	---	30	99	18	62	720
Dec.	3	1,954	767	732	1,499	249	---	30	96	18	62	695
	10	1,984	767	762	1,529	249	---	30	96	18	62	695
	17	1,984	758	732	1,490	279	---	30	99	18	68	695
	23	1,987	758	732	1,490	279	---	30	102	18	68	695
	31	2,059	815	747	1,562 (59,412)	279	---	30	102	18	68	695
1944												
Jan.	7	2,119	815	747	1,562	339	---	30	102	18	68	695
	14	2,053	773	747	1,520	324	---	30	102	18	59	685
	21	2,171	773	768	1,541	435	---	30	93	13	54	725
	28	2,186	815	768	1,583	405	---	30	96	18	54	725
Feb.	4	2,201	815	776	1,591	411	---	30	105	12	54	725

1. Beginning October 15, the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance" since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also, the title "Army Cooperation" was changed to "Tactical reconnaissance".
2. On October 1 there was a revision of the breakdown of GAF disposition by fronts. A portion of the planes formerly on the "Western Front" were placed in the new category "South Germany and Austria". Transport planes formerly in "Central Germany" were included under the "Western Front".

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S-2a. DISPOSITION OF THE GERMAN AIR FORCE IN SOUTH GERMANY AND AUSTRIA[1]

te	Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range reconnaissance[2]	Tactical reconnaissance[2]	Coastal	Transports[3]
43											
pt. 10											
17											
24											
t. 1	120	90	30	120							
8	219	120	99	219							
15	219	120	99	219							
22	189	90	99	189							
29	189	90	99	189							
v. 5	189	90	99	189							
12	189	90	99	189							
19	207	90	117	207							
26	300	120	180	300							
3	300	120	180	300							
10	270	120	150	270							
17	279	99	180	279							
23	279	99	180	279							
31	309	129	180	309							
44											
n. 7	279	99	180	279							
14	309	129	180	309							
21	279	99	180	279							
28	279	99	180	279							
b. 4	261	99	162	261							

Composed partly of new units and partly of units formerly included under Western Front.
Beginning October 15 the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance", since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also, the title "Army Cooperation" was changed to "Tactical reconnaissance".
Included under Western Front.

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Table S-3 DISPOSITION OF THE GERMAN AIR FORCE ON THE RUSSIAN FRONT

Initial Equipment by Types *

Date	Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Army Cooperation	Coastal	Transport
1941										
June 22	2500	680	150	830	880	230	240	280	40	...
July 31	2406	650	120	770	1000	201	240	135	50	...
Aug. 31	2500	...	...	...	...	...	...	...	..	...
Sept. 30	2430	552	105	657	1020	216	252	234	53	...
Oct. 31	1970	465	40	505	700	253	186	270	56	...
Nov.	....	...	...	...	...	...	...	...	..	...
Dec.	....	...	...	...	...	...	...	...	..	...
1942										
Jan.?	1685	360	70	430	640	180	130	270	35	...
Feb.?	1640	...	...	...	...	...	...	...	..	...
Mar. 14	1965	402	129	531	657	243	231	288	15	...
Apr. 13	2045	405	90	495	738	270	231	297	14	...
May 2	1973	414	9	423	741	255	261	279	14	...
June 6	2427	531	99	630	819	210	321	414	33	450
June 13	2427	531	132	663	789	207	321	414	33	450
June 20	2640	567	195	762	709	207	321	414	27	450
June 27	2496	561	195	756	768	210	321	414	27	450
July 4	2568	591	195	786	798	219	321	423	21	450
July 11	2508	555	195	750	768	222	321	423	24	450
July 18	2544	561	225	786	768	222	321	423	24	450
July 25	2565	561	225	786	789	222	321	423	24	450
Aug. 1	2478	525	231	756	759	222	321	396	24	450
Aug. 8	2460	525	231	756	759	213	321	387	24	450
Aug. 15	2442	531	231	762	750	201	321	378	30	450
Aug. 22	2412	531	207	762	750	204	321	378	21	450
Aug. 29	2493	531	207	738	831	204	321	378	21	450

* Source: British Air Ministry

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Table S-3. (Cont'd.)

Date		Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transport
Sept.	5	2505	531	207	738	831	204	321	---	378	33	450
	12	2520	531	207	738	840	204	321	---	378	39	450
	19	2429	531	207	738	849	204	321	---	378	39	450
	26	2457	501	207	708	849	207	291	---	378	24	450
Oct.	3	2478	531	207	738	849	207	291	---	369	24	450
	10	2309	506	72	578	840	207	291	---	369	24	450
	17	2252	506	81	589	750	201	321	---	369	24	---
	24	2190	456	81	537	738	201	321	---	369	24	---
	31	2175	450	81	531	747	201	321	---	351	24	350
Nov.	7	2079	450	81	531	678	201	312	---	333	24	350
	14	2064	450	81	531	648	189	312	---	360	24	350
	21	1965	420	90	510	579	186	270	63	333	24	250
	28	2004	429	90	519	609	186	270	63	333	24	250
Dec.	5	2034	459	90	549	609	195	270	63	324	24	250
	12	2007	459	90	549	579	195	270	63	324	27	250
	19	2010	459	90	549	579	195	270	63	324	30	250
	26	1968	459	90	549	540	195	270	63	324	27	450
1943												
Jan.	2	1947	429	90	519	540	204	270	63	324	27	450
	9	1878	399	90	489	510	195	270	63	324	27	450
	16	1815	399	90	489	450	192	270	63	324	27	450
	23	1845	429	90	519	480	192	240	72	324	18	700
	30	1836	429	81	510	510	192	219	72	315	18	700
Feb.	6	1779	399	81	480	510	183	219	72	297	18	700
	13	1626	354	72	426	480	171	180	81	279	9	700
	20	1836	429	81	510	510	201	249	60	288	18	700
	27	1869	429	81	510	510	219	279	69	261	21	700
Mar.	6	1773	429	21	450	480	213	279	69	261	21	700
	13	1770	429	48	477	480	213	249	69	261	21	700
	20	1836	420	48	468	519	219	279	69	261	21	700
	27	1797	420	48	468	480	219	279	69	261	21	700

Table S-3. (Cont'd.)

Date	Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Recon-naissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transport
April 3	1761	429	48	477	459	216	279	66	243	21	470
10	1791	429	81	510	459	216	276	66	243	21	470
17	1761	429	81	510	459	213	249	66	243	21	470
24	---	---	--	---	---	---	---	--	---	--	---
May 1	1800	429	51	480	519	213	249	75	243	21	470
8	1782	429	51	480	489	216	249	75	252	21	470
15	1854	429	51	480	519	219	279	84	252	21	470
22	1854	429	51	480	519	219	279	84	252	21	420
June 1	1951	459	79	538	549	231	279	84	252	18	420
5	1930	459	79	538	519	222	279	93	252	27	420
12	1999	459	79	538	558	222	309	93	252	27	420
19	1954	399	79	478	567	222	309	99	252	27	395
26	1957	399	70	469	579	222	309	99	252	27	395
July 3	1951	393	70	463	579	222	309	99	252	27	345
10	1973	393	92	485	579	222	309	99	252	27	345
17	2000	393	101	494	579	231	309	108	252	27	345
24	1940	393	101	494	519	231	309	108	252	27	345
31	1953	393	111	504	519	234	300	108	252	36	345
Aug. 6	1896	345	111	456	519	234	300	99	252	36	345
13	1845	315	111	426	498	234	300	99	252	36	345
20	1845	315	111	426	498	234	300	99	252	36	345
27	1863	345	111	456	489	231	300	99	252	36	345
Sept. 3	1866	345	111	456	489	231	300	99	252	39	345

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Table S-3 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range reconnaissance[1]	Tactical reconnaissance[1]	Coastal	Transports
1943												
Sept.	10	1,857	345	111	456	489	300	99	222	252	39	345
	17	1,815	345	78	423	489	300	99	213	252	39	345
	24	1,821	375	69	444	468	300	108	213	252	36	300
Oct.	1	1,749	345	48	393	468	270	108	231	234	45	300
	8	1,704	345	48	393	438	270	108	231	234	30	305
	15	1,692	375	57	432	387	270	108	231	234	30	305
	22	1,692	375	57	432	402	279	108	207	234	30	305
	29	1,758	375	84	459	411	309	108	207	234	30	320
Nov.	5	1,788	366	84	450	441	309	117	207	234	30	320
	12	1,783	370	84	454	441	309	117	198	234	30	320
	19	1,771	370	84	454	441	309	117	189	234	27	320
	26	1,750	340	84	424	441	309	117	189	243	27	330
Dec.	3	1,789	340	84	424	471	309	126	180	252	27	380
	10	1,819	340	84	424	501	309	126	180	252	27	380
	17	1,789	340	75	415	438	309	168	189	243	27	380
	23	1,777	340	66	406	438	309	168	186	243	27	380
	31	1,783	340	66	406	438	309	168	183	243	36	380
1944												
Jan.	7	1,783	340	66	406	438	309	168	183	243	36	380
	14	1,783	340	66	406	438	309	168	174	252	36	385
	21	1,768	340	69	409	438	309	168	174	234	36	390
	28	1,690	340	69	409	375	249	216	171	234	36	390
Feb.	4	1,588	340	60	400	312	219	216	171	234	36	360

1. Beginning October 15, the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance" since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers." Also, the title "Army Cooperation" was changed to "Tactical reconnaissance".

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Table 3-4. DISPOSITION OF THE GERMAN AIR FORCE ON THE MEDITERRANEAN FRONT
Initial Equipment by Types*

Date		Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transports
1941												
January												
February												
March												
April 9		1,350	310	100	410	330	100	360	---	130	20	---
May												
June 22		390	30	40	70	150	40	90	---	20	20	---
July												
August												
September												
October												
November												
December												
1942												
January												
February												
March 14		741	222	75	297	270	69	60	---	9	36	---
April 13		732	222	60	282	246	69	90	---	9	36	---
May 2		672	192	60	252	243	63	60	---	18	36	---
June 6		600	165	60	225	195	57	78	---	9	36	---
	13	612	165	60	225	195	57	90	---	9	36	275
	20	594	165	60	225	186	60	78	---	9	36	200
	27	[illegible]	180	60	240	186	60	90	---	9	36	200
July	4	607	180	60	240	246	66	90	---	9	36	200
	11	717	[illegible]	60	270	246	66	90	---	9	36	200
	18	717	210	60	270	246	66	90	---	9	36	250
	25	717	210	60	270	246	66	90	---	9	36	250
August	1	695	195	60	255	246	66	90	---	9	36	250
	8	683	195	30	225	243	69	81	---	9	36	250
	15	687	210	30	240	243	69	81	---	9	36	250
	22	[illegible]	[illegible]	[illegible]	240	243	72	90	---	9	36	250
	29	720	210	60	270	243	72	90	---	9	36	250

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Table S-4. (Cont'd.)

Date		Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transports
September	5	720	210	60	270	243	72	90	---	9	36	250
	12	720	210	60	270	243	72	90	---	9	36	250
	19	714	210	63	273	243	63	90	---	9	36	280
	26	719	210	68	278	243	63	90	---	9	36	280
October	3	719	210	68	278	243	63	90	---	9	36	280
	10	748	252	73	325	279	66	60	---	9	9	280
	17	753	222	79	301	294	66	74	---	9	9	---
	24	770	237	75	312	294	63	83	---	9	9	280
	31	805	267	60	327	314	63	83	---	9	9	430
November	7	937	282	74	356	401	63	99	---	9	9	430
	14	1,058	336	74	410	465	63	93	---	18	9	430
	21	1,051	269	74	343	504	69	69	39	18	9	400
	28	1,092	240	93	333	564	78	51	39	18	9	400
December	5	1,186	288	96	384	565	75	69	48	27	18	450
	12	1,216	318	96	414	565	75	69	48	27	18	450
	19	1,177	291	93	384	565	75	78	39	18	18	450
	26	1,142	291	93	384	530	75	78	39	18	18	350
1943 January	2	1,074	291	84	375	480	75	69	39	18	18	275
	9	1,056	261	83	344	475	72	60	69	18	18	275
	16	1,053	270	62	352	490	75	60	60	18	18	275
	23	1,024	270	62	332	455	72	60	60	18	27	275
	30	1,000	282	60	342	412	72	60	60	18	36	315
February	6	1,002	282	60	342	432	66	60	60	18	24	275
	13	993	261	60	321	441	66	60	69	18	18	275
	20	1,017	288	87	375	411	66	60	69	18	18	275
	27	978	288	87	375	372	66	60	60	18	18	275
March	6	1,005	312	102	414	357	69	60	69	18	18	275
	13	972	312	102	414	327	66	60	69	18	18	275
	20	1,017	312	105	417	369	66	60	69	18	18	275
	27	972	282	105	387	339	69	60	69	18	30	275
April	3	972	282	114	396	330	69	60	69	18	30	275
	10	948	282	105	387	330	69	45	69	18	30	275
	17	965	282	105	387	300	69	90	69	18	30	275
	24	---	---	---	---	---	---	---	---	---	---	---

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Table S-4. (Cont'd.)

Date		Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transports
May	1	888	264	117	381	279	63	30	81	18	36	245
	8	948	264	147	411	309	63	30	81	18	36	245
	15	891	201	150	351	339	57	--	90	18	36	245
	22	945	225	150	375	369	57	--	90	18	36	295
June	1	990	258	159	417	339	78	--	102	18	36	295
	5	894	258	159	417	249	72	--	102	18	36	295
	12	927	258	162	420	249	72	30	102	18	36	295
	19	1,005	264	141	405	249	75	60	162	18	36	320
	26	1,125	380	150	530	279	78	60	115	27	36	320
July	3	1,188	345	144	489	339	90	51	156	27	36	320
	10	1,191	354	135	489	339	93	51	156	27	36	395
	17	1,260	354	135	489	408	93	51	156	27	36	445
	24	1,425	384	135	489	498	99	51	186	27	45	495
	31	1,128	294	69	363	489	87	51	66	27	45	495
August	6	1,089	294	30	324	489	87	51	66	27	45	500
	13	1,113	312	30	342	489	90	51	69	27	45	525
	20	1,137	333	30	363	474	90	60	69	27	54	525
	27	1,092	318	30	348	429	96	60	78	27	54	525
September	3	951	258	9	367	387	87	60	69	27	54	525

* Source: British Air Ministry.

Table S-4 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range reconnaissance[1]	Tactical reconnaissance[2]	Coastal	Transports
1943												
Sept.	10	1,014	288	9	297	408	60	78	90	27	54	525
	17	987	288	9	297	378	60	78	93	27	54	525
	24	855	168	9	177	378	60	57	93	36	54	575
Oct.	1	954	228	30	258	378	60	69	90	45	54	575
	8	951	228	30	258	369	60	69	90	45	60	510
	15	948	225	30	255	369	60	69	90	45	60	510
	22	951	237	30	267	414	63	39	63	45	60	510
	29	924	237	30	267	396	63	30	72	36	60	325
Nov.	5	1,002	267	30	297	426	63	30	72	45	69	335
	12	979	267	30	297	417	63	30	63	45	64	335
	19	908	246	30	276	364	63	30	63	45	67	335
	26	917	255	30	285	364	63	30	63	45	67	325
Dec.	3	940	237	30	267	414	63	30	63	36	67	325
	10	784	237	30	267	258	63	30	63	36	67	300
	17	763	297	30	327	177	63	30	63	36	67	300
	23	754	327	39	366	162	30	30	63	36	67	300
	31	715	297	39	336	162	30	30	63	36	58	300
1944												
Jan.	7	679	297	39	336	123	30	30	63	39	58	300
	14	628	267	39	306	123	--	30	63	39	67	300
	21	702	327	39	366	132	--	30	63	39	72	260
	28	789	327	39	366	219	--	30	63	39	72	260
Feb.	4	888	327	39	366	276	--	63	63	48	72	290

1. Beginning October 15, the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance", since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also, the title "Army cooperation" was changed to "Tactical reconnaissance".

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Table 8-5. ESTIMATED STRENGTH OF NON-OPERATIONAL SQUADRONS IN CENTRAL GERMANY BY TYPES*

Date	Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transport
9/1/39	310	60	20	80	90	30	60	--	30	20	
4/9/40	690	150	50	200	160	100	100	--	90	40	
5/10/40	590	200	30	230	100	50	100	--	50	60	
8/8/40	630	150	60	210	200	110	30	--	50	30	
4/6/41	570	60	140	200	140	70	30	--	50	80	
6/22/41	340	20	20	40	130	50	90	--	30	--	
1942											
Jan.											
Feb.											
March											
April											
May											
June 6											
13	412	71	50	121	148	58	21	--	37	27	600
20	404	35	27	62	197	48	33	--	37	27	600
27	461	36	58	94	227	45	31	--	37	27	600
July 4	356	25	68	93	137	30	31	--	38	27	600
11	344	16	68	84	137	27	31	--	38	27	600
18	257	17	38	55	88	18	31	--	38	27	550
25	210	17	26	43	52	19	31	--	38	27	550
Aug. 1	272	58	26	84	67	19	40	--	35	27	550
8	335	58	41	99	110	25	30	--	34	37	550
15	362	64	41	105	119	37	21	--	43	37	550
22	407	64	61	125	149	32	21	--	43	37	550
29	297	64	32	96	68	32	21	--	43	37	550
Sept. 5	260	46	32	78	49	32	21	--	43	37	550
12	311	56	33	69	69	32	21	--	43	37	550
19	300	57	31	88	80	31	21	--	43	37	520
26	338	87	21	108	81	28	41	--	43	37	520
Oct. 3	307	57	21	78	71	28	40	--	52	37	520
10	322	[illegible]	30	85	51	29	56	--	52	39	520
17	352	85	29	114	[illegible]	30	26	--	52	39	[illegible]
24	360	94	24	118	105	28	22	--	52	37	520
31	346	50	22	102	105	30	22	--	50	37	520

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Table 8-5. (Cont'd.)

Date		Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transport
Nov.	7	398	121	19	140	133	20	30	--	38	37	520
	14	328	43	29	72	144	22	31	--	22	37	520
	21	345	70	19	89	134	14	22	28	21	37	450
	28	267	54	20	74	64	15	22	28	21	37	450
Dec.	5	222	31	20	51	68	14	22	19	20	33	400
	12	210	21	18	39	63	14	22	19	20	33	400
	19	210	24	16	40	63	14	13	28	19	33	400
	26	244	24	16	40	97	14	13	28	19	33	400
Jan.	2	313	39	25	64	141	15	22	18	20	33	375
	9	372	59	32	91	166	19	26	18	20	32	375
	16	412	85	52	137	171	17	31	32	20	32	375
	23	448	70	52	122	181	20	31	33	20	41	375
	30	476	78	43	121	159	20	41	33	19	23	375
Feb.	6	463	108	43	151	159	22	41	38	22	30	375
	13	449	99	58	157	155	19	41	30	21	26	375
	20	392	56	21	77	185	16	26	41	21	26	375
	27	461	61	31	92	239	18	16	47	23	26	375
Mar.	6	518	47	51	98	275	21	16	59	23	26	375
	13	585	52	39	91	316	24	36	69	23	26	375
	20	490	51	33	84	278	23	16	40	23	26	375
	27	575	86	33	119	317	20	16	55	23	25	375
Apr.	3	626	67	39	126	342	28	16	68	31	20	555
	10	659	98	35	133	342	28	16	73	31	16	555
	17	648	94	25	119	332	36	31	63	31	16	555
	24	---	--	--	---	---	--	--	--	--	--	---
May	1	635	88	53	141	288	37	71	52	31	15	555
	8	593	88	33	121	273	34	76	52	22	15	555
	15	584	110	33	143	229	35	76	59	22	20	555
	22	597	76	43	119	189	35	66	56	22	20	555
June	1	411	53	26	79	156	30	71	54	22	19	555
	5	544	50	31	90	276	35	76	25	22	20	555
	12	513	74	52	106	262	35	46	22	22	20	555
	19	498	76	33	109	273	36	16	22	22	20	555
	26	470	20	38	58	300	36	36	22	13	25	555

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Table 8-5. (Cont'd.)

Date	Total Combat	Single Engine Fighters	Twin Engine Fighters	Total Fighters	Long Range Bombers	Reconnaissance Bombers	Dive Bombers	Fighter Bombers	Army Cooperation	Coastal	Transport
July 3	508	21	54	75	295	39	25	31	13	30	555
10	498	22	66	88	280	36	25	31	13	25	480
17	452	22	57	79	252	27	25	32	13	24	435
24	387	22	57	79	192	26	25	32	13	20	430
31	449	53	78	131	191	32	24	47	13	11	430
Aug. 6	463	48	78	126	211	32	24	46	13	11	430
13	465	50	98	148	192	29	24	48	13	11	430
20	453	43	87	130	207	29	15	48	13	11	430
27	439	34	88	122	213	21	15	39	13	16	430
Sept. 3	464	44	113	157	193	22	15	48	13	16	430

* Source: British Air Ministry.

Table S-5 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range Reconnaissance[1]	Tactical Reconnaissance[1]	Coastal	Transports[2]
1943												
Sept.	10	440	37	89	126	205	15	39	26	13	16	430
	17	434	37	72	109	215	15	39	27	13	16	430
	24	465	38	49	87	266	15	35	32	14	16	450
Oct.	1	390	28	27	55	211	35	38	14	23	14	---
	8	431	58	39	97	206	35	43	14	23	13	---
	15	522	98	54	152	242	35	43	14	23	13	---
	22	509	66	54	120	243	33	58	19	23	13	---
	29	501	86	52	138	249	13	47	14	27	13	---
Nov.	5	435	65	52	117	206	13	58	14	18	9	---
	12	508	71	63	134	220	13	88	26	18	9	---
	19	541	97	64	161	223	13	88	29	18	9	---
	26	558	98	61	159	251	13	88	29	9	9	---
Dec.	3	537	91	59	150	236	13	89	31	9	9	---
	10	663	111	64	175	352	13	69	31	14	9	---
	17	675	81	53	134	426	13	47	24	23	8	---
	23	668	41	53	94	461	11	47	24	23	8	---
	31	699	34	48	82	501	11	47	27	23	8	---
1944												
Jan.	7	670	34	43	77	465	11	57	27	20	13	---
	14	667	26	43	69	465	11	62	31	16	13	---
	21	555	11	14	55	365	11	62	30	19	13	---
	28	481	9	44	53	326	11	34	30	14	13	---
Feb.	4	427	9	40	49	286	11	26	31	11	13	---

1. Beginning October 15 the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance", since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also the title "Army cooperation" was changed to "Tactical reconnaissance".
2. Beginning October 1, transport planes in Germany are included under Western Front.

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Table S-5 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range Reconnaissance[1]	Tactical Reconnaissance[1]	Coastal	Transports[2]
1943												
Sept.	10	440	37	89	126	205	15	39	26	13	16	430
	17	434	37	72	109	215	15	39	27	13	16	430
	24	465	38	49	87	266	15	35	32	14	16	450
Oct.	1	390	28	27	55	211	35	38	14	23	14	---
	8	431	58	39	97	206	35	43	14	23	13	---
	15	522	98	54	152	242	35	43	14	23	13	---
	22	509	66	54	120	243	33	58	19	23	13	---
	29	501	86	52	138	249	13	47	14	27	13	---
Nov.	5	435	65	52	117	206	13	58	14	18	9	---
	12	508	71	63	134	220	13	88	26	18	9	---
	19	541	97	64	161	223	13	88	29	18	9	---
	26	558	98	61	159	251	13	88	29	9	9	---
Dec.	3	537	91	59	150	236	13	89	31	9	9	---
	10	663	111	64	175	352	13	69	31	14	9	---
	17	675	81	53	134	426	13	47	24	23	8	---
	23	668	41	53	94	461	11	47	24	23	8	---
	31	699	34	48	82	501	11	47	27	23	8	---
1944												
Jan.	7	670	34	43	77	465	11	57	27	20	13	---
	14	667	26	43	69	465	11	62	31	16	13	---
	21	555	11	14	55	365	11	62	30	19	13	---
	28	481	9	44	53	326	11	34	30	14	13	---
Feb.	4	427	9	40	49	286	11	26	31	11	13	---

1. Beginning October 15 the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance", since these units now seldom carry out any bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also the title "Army cooperation" was changed to "Tactical reconnaissance".
2. Beginning October 1, transport planes in Germany are included under Western Front.

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Table S-6. GERMAN AIR FORCE STRENGTH BY TYPES - INITIAL EQUIPMENT

(Source: British Air Ministry)

Date	Total combat	Single-engine fighters	Twin engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1939											
Aug. 31	3,250	710	200	910	1,310	280	280	...	240	220	.....
Sep.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Oct.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Nov.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Dec.	.....	.....	...	.....	.....	...	...	...	...	...	.....
1940											
Jan.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Feb.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Mar.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Apr. 9	3,710	730	310	1,040	1,410	360	370	...	270	260	.....
May 10	4,210	1,000	280	1,280	1,500	450	400	...	280	300	.....
June	.....	.....	...	.....	.....	...	...	...	...	...	.....
July	.....	.....	...	.....	.....	...	...	...	...	...	.....
Aug. 8	4,430	930	430	1,360	1,560	450	540	...	270	250	.....
Sep. 30	.....	.....	...	......	......	...	...	...	...	...	.....
Oct.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Nov.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Dec.	.....	.....	...	.....	.....	...	...	...	...	...	.....
1941											
Jan.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Feb.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Mar.	.....	.....	...	.....	.....	...	...	...	...	...	.....

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Table S-6. GERMAN AIR FORCE STRENGTH BY TYPES - INITIAL EQUIPMENT

(Source: British Air Ministry)

Date	Total combat	Single-engine fighters	Twin engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1941											
Apr. 6	4,420	1,050	450	1,500	1,400	450	480	...	340	250	.....
May	.....	.....	...	.....	.....	...	...	...	...	...	.....
June 22	4,540	1,050	460	1,510	1,500	430	480	...	350	270	.....
July	.....	.....	...	.....	.....	...	...	...	...	...	.....
Aug.	4,540	1,050	460	1,510	1,500	430	480	...	350	270	.....
Sep. 30	4,550	1,050	480	1,530	1,470	460	400	...	430	260	.....
Oct.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Nov.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Dec.	.....	.....	...	.....	.....	...	...	...	...	...	.....
1942											
Jan. 12	3,980	950	380	1,330	1,350	430	300	...	380	190	.....
Feb.	.....	.....	...	.....	.....	...	...	...	...	...	.....
Mar. 14	4,260	1,070	430	1,500	1,400	460	350	...	370	180	.....
Apr. 13	4,370	1,100	420	1,520	1,460	460	370	...	380	180	.....
May 21	4,560	1,160	460	1,620	1,470	400	430	...	460	180	.....
June 6	4,560	1,160	460	1,620	1,470	400	430	...	460	180	.....
13	4,590	1,160	490	1,650	1,450	400	450	...	460	180	1,475
20	4,580	1,160	530	1,690	1,410	390	450	...	460	180	1,400
27	4,670	1,170	580	1,750	1,430	390	460	...	460	180	1,400
July 4	4,700	1,180	590	1,770	1,430	390	460	...	470	180	1,400
11	4,700	1,180	590	1,770	1,430	390	460	...	470	180	1,400

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Table S-6. GERMAN AIR FORCE STRENGTH BY TYPES - INITIAL EQUIPMENT

(Source: British Air Ministry)

Date		Total combat	Single-engine fighters	Twin engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transports
1942												
July	18	4,730	1,190	590	1,780	1,450	390	460	...	470	180	1,400
	25	4,740	1,190	590	1,780	1,450	400	460	...	470	180	1,400
Aug.	1	4,700	1,180	590	1,770	1,450	400	460	...	440	180	1,400
	8	4,700	1,180	590	1,770	1,460	400	450	...	430	190	1,400
	15	4,700	1,180	590	1,770	1,460	400	450	...	430	190	1,400
	22	4,700	1,180	580	1,760	1,460	410	450	...	430	190	1,400
	29	4,710	1,180	590	1,770	1,460	410	450	...	430	190	1,400
Sep.	5	4,700	1,180	590	1,770	1,450	410	450	...	430	190	1,400
	12	4,730	1,190	600	1,790	1,460	410	450	...	430	190	1,400
	19	4,740	1,200	610	1,810	1,460	400	450	...	430	190	1,400
	26	4,740	1,200	610	1,810	1,470	400	440	...	430	190	1,400
Oct.	3	4,730	1,200	610	1,810	1,460	400	440	...	430	190	1,400
	10	4,585	1,210	510	1,720	1,450	395	425	...	430	165	1,400
	17	4,545	1,210	515	1,725	1,405	390	430	...	430	165	.....
	24	4,525	1,180	515	1,795	1,435	385	435	...	430	145	1,400
	31	4,525	1,220	510	1,730	1,415	390	435	...	410	145	1,400
Nov.	7	4,530	1,240	530	1,770	1,405	380	450	...	380	145	1,400
	14	4,520	1,195	540	1,735	1,425	370	445	...	400	145	1,400
	21	4,489	1,125	530	1,655	1,385	455	370	130	390	145	1,200
	28	4,457	1,080	550	1,730	1,435	375	352	130	390	145	1,200

TABLE S-6. GERMAN AIR FORCE STRENGTH BY TYPES - INITIAL EQUIPMENT

(Source: British Air Ministry)

Date	Total combat	Single-engine fighters	Twin engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transport
1942											
Dec. 5	4,510	1,105	560	1,665	1,435	380	370	130	380	150	1,200
12	4,510	1,125	570	1,695	1,405	380	370	130	380	150	1,200
19	4,480	1,110	565	1,675	1,405	380	370	130	370	150	1,200
26	4,440	1,110	565	1,675	1,365	380	370	130	370	150	1,200
1943											
Jan. 2	4,430	1,095	565	1,660	1,360	390	370	120	380	150	1,200
9	4,386	1,055	571	1,626	1,340	385	365	150	380	140	1,200
16	4,400	1,090	570	1,660	1,315	380	370	155	380	140	1,200
23	4,400	1,105	570	1,675	1,320	380	340	165	380	140	1,450
30	4,385	1,125	595	1,720	1,290	380	320	165	370	140	1,490
Feb. 6	4,395	1,125	595	1,720	1,325	370	320	170	355	135	1,450
13	4,243	1,050	601	1,651	1,315	364	281	180	336	116	1,450
20	4,519	1,139	660	1,799	1,345	400	335	170	345	125	1,350
27	4,649	1,150	658	1,808	1,370	420	355	242	320	134	1,450
Mar. 6	4,555	1,160	630	1,790	1,330	420	355	215	320	125	1,450
13	4,595	1,165	645	1,810	1,350	420	345	225	320	125	1,450
20	4,680	1,155	645	1,800	1,420	425	355	235	320	125	1,450
27	4,685	1,160	645	1,805	1,385	425	355	250	320	145	1,450
Apr. 3	4,700	1,170	660	1,830	1,380	430	355	255	310	140	1,400
10	4,737	1,190	680	1,870	1,380	450	337	265	310	145	1,400
17	4,800	1,225	700	1,925	1,340	435	370	275	310	145	1,400
May 1	4,820	1,240	740	1,980	1,335	430	350	265	310	150	1,370
8	4,835	1,240	765	2,005	1,320	430	355	265	310	150	1,370
15	4,865	1,220	765	1,985	1,345	425	355	290	310	155	1,380
22	4,905	1,270	775	2,045	1,335	425	345	290	310	155	1,370

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TABLE S-6. GERMAN AIR FORCE STRENGTH BY TYPES - INITIAL EQUIPMENT

(Source: British Air Ministry)

Date	Total combat	Single-engine fighters	Twin engine fighters	Total fighters	Long range bombers	Reconnaissance bombers	Dive bombers	Fighter bombers	Army cooperation	Coastal	Transport
1943											
June 1	4,950	1,310	785	2,095	1,305	435	350	310	310	145	1,370
5	4,975	1,325	790	2,115	1,305	425	355	310	310	155	1,370
12	5,055	1,340	800	2,140	1,330	425	385	310	310	155	1,370
19	5,085	1,360	780	2,140	1,350	420	385	325	310	155	1,370
26	5,135	1,440	785	2,225	1,380	420	385	275	290	160	1,370
July 3	5,200	1,380	795	2,175	1,405	435	385	325	310	165	1,320
10	5,205	1,390	810	2,200	1,390	435	385	325	310	160	1,320
17	5,255	1,390	810	2,200	1,440	435	385	335	310	150	1,325
24	5,235	1,390	810	2,200	1,410	440	385	335	310	155	1,370
31	5,045	1,340	765	2,105	1,400	440	375	260	310	155	1,370
Aug. 6	5,050	1,335	765	2,100	1,420	440	375	250	310	155	1,375
13	5,025	1,355	755	2,110	1,380	440	375	255	310	155	1,375
20	5,085	1,375	795	2,170	1,380	440	375	255	310	155	1,375
27	5,140	1,390	820	2,210	1,380	450	375	255	310	160	1,375
Sept 3	5,150	1,370	845	2,215	1,360	445	375	285	310	160	1,375

Table S-6 (cont'd.)

Date		Total combat	Single-engine fighters	Twin-engine fighters	Total fighters	Long-range bombers	Dive bombers	Fighter bombers	Long-range reconnaissance[1]	Tactical reconnaissance[1]	Coastal	Transports
1943												
Sept.	10	5,240	1,420	890	2,310	1,360	375	285	440	310	160	1,375
	17	5,255	1,450	900	2,350	1,340	375	285	435	310	160	1,375
	24	5,175	1,370	910	2,280	1,340	375	260	440	320	160	1,400
Oct.	1	5,205	1,420	930	2,350	1,285	365	275	440	320	170	1,400
	8	5,255	1,450	990	2,440	1,250	365	280	440	320	160	1,400
	15	5,265	1,460	1,005	2,465	1,235	365	280	440	320	160	1,400
	22	5,255	1,470	1,005	2,475	1,275	375	265	385	320	160	1,400
	29	5,325	1,520	1,030	2,550	1,290	385	245	380	315	160	~~1,400~~ 1375
Nov.	5	5,340	1,490	1,030	2,520	1,310	385	265	380	315	165	~~1,400~~ 1375
	12	5,380	1,505	1,050	2,555	1,315	385	265	380	315	165	1,375
	19	5,395	1,510	1,060	2,570	1,315	385	265	380	315	165	1,375
	26	5,485	1,550	1,090	2,640	1,335	385	265	380	315	165	1,375
Dec.	3	5,520	1,555	1,085	2,640	1,370	385	275	370	315	165	~~1,395~~ 1375
	10	5,520	1,575	1,090	2,665	1,360	385	255	370	320	165	1,375
	17	5,490	1,575	1,070	2,645	1,320	385	275	375	320	170	1,375
	23	5,465	1,565	1,070	2,635	1,340	350	275	375	320	170	1,375
	31	5,565	1,615	1,080	2,695	1,380	350	275	375	320	170	1,375
1944												
Jan.	7	5,530	1,535	1,075	2,610	1,365	330	285	375	320	175	1,375
	14	5,440	1,535	1,075	2,610	1,350	320	290	370	325	175	1,375
	21	5,475	1,550	1,100	2,650	1,370	320	290	360	310	175	1,375
	28	5,425	1,590	1,100	2,690	1,325	260	310	360	305	175	1,375
Feb.	4	5,365	1,590	1,075	2,665	1,285	230	335	370	305	175	1,375

1. Beginning October 15, the heading "Reconnaissance bombers" was changed to "Long-range reconnaissance", since these units now seldom carry out bombing. The units which are used in bombing missions have been transferred to "Long-range bombers". Also, the title "Army cooperation" was changed to "Tactical reconnaissance".

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Table S-7. ESTIMATED ACTUAL[1] STRENGTH OF THE GERMAN AIR FORCE BY THEATERS[2]

(weekly)

Date 1943	Total	Western Front	Russian Front	Mediterranean Front	Non-Operational
May 15	4770	1535	1760	890	585
May 22	4765	1600	1760	900	505
June 1	4800	1600	1850	940	410
5	4879	1607	1834	894	544
12	4955	1616	1899	927	513
26	5150	1583	1859	1238	470
July 3	5260	1553	1951	1247	508
10	5205	1543	1973	1191	498
17	5066	1543	2000	1071	452
24	5021	1483	1940	1211	387
31	4935	1515	1955	1015	450
Aug. 6	4846	1602	1801	980	463
13	4957	1682	1753	1057	465
20	5018	1732	1753	1080	453
27	5079	1833	1770	1037	439
Sept 3	5008	1869	1773	902	464

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1. Actual strength, as opposed to initial equipment, refers to the estimated number of aircraft actually in all squadrons, including any immediate reserv es of front line squadrons.

2. O.S.S. calculations based on British Air Ministry weekly disposition and strength estimates.

Table S-7 (cont'd.)

Date		Total	Western Front	South Germany[1] and Austria	Russian Front	Mediterranean Front	Non-Operational
1943							
September	10	4,995	2,025	---	1,670	860	440
	17	4,980	2,120	---	1,635	790	435
	24	4,880	2,135	---	1,640	640	465
October	1	5,055	2,090	140	1,575	860	390
	8	5,105	2,045	240	1,535	855	450
	15	5,165	1,980	240	1,525	900	520
	22	5,160	2,010	210	1,525	905	510
	29	5,265	2,050	210	1,580	925	500
November	5	5,270	1,925	210	1,700	1,000	435
	12	5,135	1,920	210	1,515	980	510
	19	5,327	1,968	228	1,682	908	541
	26	5,427	1,960	330	1,662	917	558
December	3	5,461	1,954	330	1,700	940	537
	10	5,455	1,985	295	1,725	785	665
	17	5,520	1,985	305	1,790	765	675
	23	5,495	1,990	305	1,775	755	670
	31	5,510	2,060	340	1,695	715	700
1944							
January	7	5,560	2,120	310	1,780	680	670
	14	5,465	2,055	340	1,785	630	665
	21	5,500	2,170	305	1,770	700	555
	28	5,480	2,185	335	1,690	790	480
February	4	5,395	2,200	290	1,590	890	425

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1. Composed partly of units formerly included under Western Front and partly of new units.

Table S-8. TOTAL STRENGTH AND RESERVES OF THE GERMAN AIR FORCE[1]

(monthly)

Date	First line strength[2]	Stored Reserves	Total
1942			
June 1	4,800	1,000	5,800
July 1	4,800	750	5,550
August 1	4,800	600	5,400
September 1	4,700	600	5,300
October 1	4,600	700	5,300
November 1	4,590	700	5,290
December 1	4,450	650	5,100
1943			
January 1	4,100	650	4,750
February 1	4,080	600	4,680
March 1	4,285	625	4,910
April 1	4,575	700	5,275
May 1	4,700	700	5,400
June 1	4,850	800	5,650
July 1	5,200	850	6,050
August 1	4,870	800	5,670

1. Source: Air Ministry, "Summary of Supply Wastage and Reserves of Operational Aircraft in the GAF".
2. "First Line Strength", as distinct from Initial Equipment, refers to the estimated number of aircraft actually in all squadrons, including any immediate reserves of front-line squadrons.

Table S-8 (cont'd.)

Date	First-line strength	Stored reserves	Total
1943			
September 1	5,000	725	5,725
October 1	5,000	725	5,725
November 1	5,215	750	5,965
December 1	5,530	850	6,380
1944			
January 1	5,660	950	6,610

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A-2. GAF COMBAT LOSSES[1]
RAF Claims - All Theaters Except Russia

Date	Western Europe			Mediterranean		
	Destroyed	Probably	Damaged	Destroyed	Probably	Damaged
1939						
September	130					
October	15					
November	15					
December	20					
1940						
January	20					
February	20					
March	20					
April	215					
May	1,315	450[2]	280[2]			
June	960	448	205			
July	360	136	130			
August	1,397	562	177			
September	992	250	800			
October	367	126	184			
November	275	189	199			
December	79	45	45			
1941						
January	69	26	23	46	14	11
February	58	20	38	46	14	11
March	111	57	95	46	14	11
April	215	96	101	73	19	20
May	195	65	71	189	69	42
June	167	65	95	457	41	12
July	343	112	173	23	3	3
August	165	96	119	24	15	32
September	132	78	76	14	15	9
October	47	27	31	16	21	23
November	46	25	48	105**	28	44
December	81	25	43	302	52	81
1942						
January	55	38	30	86	30	52
February	55	37	34	38	26	54
March	80	27	70	88	26	124
April	108	67	178	177	73	171
May	105	40	86	143	68	185
June	135	57	139	87	37	85
July	100	50	50	250	55	250
August	125	50	51	153	17	477
September	85	3	72	109	57	98
October	40	23	70	315	113	285
November	53	8	37	664	93	252
December	44	10	45	500	70	150
1943						
January	116	24	62	585*	104	188
February	58	20	43	345*	96	140
March	103	21	65	415*	105	234
April	95	22	72	960*	165	393
May	150	26	100	427	127	185
June	135	34	90	450*	85	102

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Table A-2. Continued

Date	Western Europe			Mediterranean		
	Destroyed	Probably	Damaged	Destroyed	Probably	Damaged
July	179	42	131	950*	161	338
August	141	24	70	997*	193	155
September	200	53	172	1,133*	69	263
October	338	72	217	401	127	233
November	104	30	151	136	39	121

1. Based on weekly totals of pilot claims from the "Air Ministry Weekly Intelligence Summary". Adjustments and revisions have been incorporated to make the entire series continuous. The figures were changed from a weekly to a monthly basis and interpolation was used where necessary.
2. No figures are available for aircraft probably destroyed and damaged up to May 1940.

* ~~Estimated~~. Includes estimated number of aircraft captured on ground.

** Includes U. S. claims in the Mediterranean Theater after November, 1942.

A-3. GERMAN AIRCRAFT LOSSES

VIIIth Air Force Claims in West

Date		Destroyed	Probably destroyed	Damaged
1942	August	2	6	9
	September	16	20	32
	October	34	36	21
	November	12	30	4
	December	38	65	22
1943	January	52	34	22
	February	70	27	11
	March	141	43	56
	April	144	43	30
	May	340	108	167
	June	304	69	121
	July	506	151	312
	August	631	83	221
	September	262	43	115
	October	784	130	347
	November	257	60	127
	December	234	89	137
1944	January			

* Source: Pilots' claims, as published by the USAAF (revised).

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Table A-4. GERMAN AIR ATTRITION BY TYPES*

	1942					1943					
	August	September	October	November	December	January	February	March and April	May	June	July
Totals											
Destroyed	1161**	1205**	1220**	1411	1357	1226	988	2133	1118	1107	1812
Damaged	730	748	490	468	470	486	447	923	539	552	655
Gross	1601	1662	1362	1879	1827	1712	1435	3056	1657	1659	2467
Single Engine Fighters											
Destroyed	229	201	241	472	408	430	350	818	493	508	996
Damaged	228	202	168	169	172	222	175	376	258	257	272
Gross	457	403	409	641	580	652	525	1194	751	765	1268
Twin Engine Fighters											
Destroyed	64	51	41	125	106	112	99	235	121	121	177
Damaged	64	50	30	51	50	44	36	110	57	65	75
Gross	128	101	71	176	156	156	135	345	178	186	252
Total Fighters											
Destroyed	293	252	282	597	514	542	449	1053	614	629	1173
Damaged	292	252	198	220	222	266	211	486	315	322	347
Gross	585	504	480	817	736	808	660	1539	929	951	1520
Long Range and Reconnaissance Bombers											
Destroyed	396	477	421	515	528	405	368	757	367	337	467
Damaged	264	318	185	158	158	133	164	283	142	149	175
Gross	660	795	606	673	686	538	532	1040	509	486	642
Dive Bombers											
Destroyed	92	98	85	170	165	152	92	164	72	71	93
Damaged	92	97	55	42	49	38	32	76	37	40	69
Gross	184	195	140	212	214	190	124	240	109	111	162
Army Cooperation											
Destroyed	70	67	57	101	126	101	56	104	41	48	56
Damaged	69	68	38	33	31	40	32	55	35	28	43
Gross	139	135	95	134	157	141	88	159	76	76	99
Coastal											
Destroyed	20	20	27	28	24	26	23	55	24	22	23
Damaged	13	13	14	15	10	9	8	23	10	13	21
Gross	33	33	41	43	34	35	31	78	34	35	44

* Source: Air Ministry, "Summary of Supply, Wastage and Reserves of Operational Aircraft in the G.A.F."
** Includes planes of unspecified types used up in Germany, 290 in Aug., 291 in Sept., and 340 in Oct.
*** Gross wastage includes (a) aircraft destroyed (those lost or damaged beyond repair) and (b) those temporarily put out of action by damage, but probably capable of repair.

Table A-4. Continued

	1943 August	September	October	November	December
Totals					
Destroyed	1,318	1,346	1,091	798	819
Damaged	588	578	577	627	571
Gross	1,906	1,924	1,668	1,425	1,390
Single-engine fighters*					
Destroyed	653	606	454	326	333
Damaged	274	260	224	263	247
Gross	927	866	678	589	580
Twin-engine fighters					
Destroyed	112	125	138	123	129
Damaged	64	71	86	104	121
Gross	176	196	224	227	250
Total fighters					
Destroyed	765	731	592	449	462
Damaged	338	331	310	367	368
Gross	1,103	1,062	902	816	830
Long-range bombers and reconnaissance					
Destroyed	408	471	356	232	239
Damaged	144	152	165	175	131
Gross	552	623	521	407	370
Dive bombers					
Destroyed	70	79	75	45	50
Damaged	53	50	49	35	30
Gross	123	129	124	80	80
Tactical reconnaissance					
Destroyed	55	44	43	43	43
Damaged	35	27	32	32	27
Gross	90	71	75	75	70
Coastal					
Destroyed	20	21	25	29	25
Damaged	18	18	21	18	15
Gross	38	39	46	47	40

* Includes fighter bombers.

Table A-5. GERMAN AIR ATTRITION BY THEATRES*

	West			Russia			Mediterranean			Central Germany	Total		
	Destroyed	Damaged	Gross Wastage**	Destroyed	Damaged	Gross Wastage	Destroyed	Damaged	Gross Wastage	Destroyed	Destroyed	Damaged	Gross Wastage
1942													
August	127	109	236	633	529	1162	111	92	203	290	1161	730	1891
September	72	62	134	714	576	1290	128	110	238	291	1205	748	1953
October	68	57	125	606	322	928	198	111	309	348	1220	490	1710
November	101	73	174	676	301	977	445	94	539	189	1411	468	1879
December	134	72	206	756	275	1031	278	123	401	189	1357	470	1827
1943													
January	128	80	208	615	274	889	304	132	436	179	1226	486	1712
February	97	61	158	598	288	805	186	98	284	187	988	447	1435
March / April	252	185	437	938	461	1399	569	277	846	374	2133	923	3056
May	203	178	381	435	257	692	288	104	392	192	1118	539	1657
June	200	154	354	454	299	753	246	99	345	207	1107	552	1659
July	213	176	389	636	355	991	758	124	882	205	1812	655	2467
August	305	201	506	409	259	748	318	128	446	206	1318	588	1906
September	336	231	567	439	239	678	348	108	456	223	1346	578	1924

* Source: Air Ministry, Summary of Supply, Wastage and Reserves of Operational Aircraft in the G.A.F.

** Gross Wastage includes (a) aircraft destroyed (those lost or damaged beyond repair) and (b) those temporarily put out of action by damage, but probably capable of repair.

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Table A-5. Continued

	West			Russia			Mediterranean			Central Germany	Total		
	Destroyed	Damaged	Gross Wastage**	Destroyed	Damaged	Gross Wastage	Destroyed	Damaged	Gross Wastage	Destroyed	Destroyed	Damaged	Gross Wastage
1945													
October	354	214	568	392	199	591	252	164	416	93	1,091	577	1,668
November	284	216	500	295	212	507	158	117	275	Ds61 Dm82 Total 143	798	627	1,425
December													

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Table F-1. GERMAN AIRCRAFT PRODUCTION, September 1939-August 1943*

Date	Single-Engine Fighters	Long Range bombers	Twin-Engine fighters	Dive bombers	Miscellaneous	Total Combat	Transports	Light transports and trainers	Total - all types
1939									
September	210	210	85	80	115	700			
October	220	230	90	90	120	750			
November	240	240	95	100	125	800			
December	255	260	100	110	125	850			
1940									
January	275	270	105	120	130	900	50	500	1,450
February	285	300	110	125	130	950	50	500	1,500
March	285	320	115	130	140	990	50	500	1,540
April	290	340	120	135	145	1,030	50	535	1,615
May	295	360	125	140	150	1,070	50	535	1,655
June	300	370	130	145	155	1,100	50	535	1,685
July	305	385	130	145	155	1,120	55	535	1,710
August	310	390	135	145	160	1,140	55	535	1,730
September	315	400	140	145	160	1,160	55	535	1,750
October	315	410	145	145	160	1,175	55	565	1,795
November	320	415	150	145	160	1,190	55	565	1,810
December	320	425	150	140	165	1,200	55	565	1,820
1941									
January	320	430	145	140	165	1,200	60	600	1,860
February	325	435	140	135	170	1,205	60	600	1,860
March	330	435	135	130	170	1,200	60	600	1,860
April	345	440	130	125	170	1,210	60	600	1,870
May	365	445	130	120	170	1,230	60	600	1,890
June	385	455	125	115	170	1,250	60	600	1,910
July	400	460	125	115	170	1,270	65	600	1,935
August	405	480	120	110	170	1,285	65	600	1,950
September	410	495	120	105	165	1,295	65	600	1,960
October	415	505	120	100	165	1,305	65	565	1,935
November	415	510	120	100	165	1,310	65	565	1,940
December	415	510	120	105	160	1,310	65	565	1,940

Table F-1. GERMAN AIRCRAFT PRODUCTION, continued

Date	Single-engine fighters	Long-range bombers	Twin-engine fighters	Dive bombers	Miscellaneous	Total combat	Transports	Light transports and trainers	Total - all types
1942									
January	410	515	120	105	160	1,310	65	535	1,910
February	410	520	115	105	160	1,310	65	535	1,910
March	410	520	115	105	160	1,310	65	535	1,910
April	410	510	115	105	160	1,300	65	535	1,900
May	410	510	110	105	155	1,290	65	535	1,890
June	410	510	110	105	145	1,280	65	535	1,880
July	410	510	110	105	145	1,280	65	535	1,880
August	410	500	120	100	145	1,275	65	535	1,875
September	430	490	130	100	145	1,295	65	535	1,895
October	450	480	140	100	140	1,310	65	535	1,910
November	475	450	140	100	140	1,305	65	535	1,905
December	515	440	150	100	125	1,330	65	535	1,930
1943									
January	550	435 15	160	100	115	1,360	70	535	1,965
February	635	435 15	170	100	115	1,455	70	535	2,060
March	670	435 15	185	100	110	1,500	70	535	2,105
April	740	435 20	200	100	105	1,580	75	550	2,205
May	860	440 25	200	100	105	1,705	75	550	2,330
June	905	455 25	210	100	105	1,775	75	550	2,400
July	915*	435 25	210	85	100	1,745	90	550	2,385
August	665	455 20	215	85	95	1,515	85	550	2,150
September	600	440** 20	275	80	95	1,490	80	550	2,120
October	605	405 25	280	100	110	1,500	85	555	2,140
November	600	385 35	280	100	90	1,455	75	530	2,060
December	600	315 35	255	85	80	1,335	75	520	1,930

* Up to the latter part of 1942 the above figures represent OSS estimates. After August 1942 they are based on British Ministry estimates with slight revisions and changes.
** Including reconnaissance.

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O-1. WEEKLY GERMAN AIR FORCE SCALE OF EFFORT* - 1943

Daily Average Sorties

	January				February				March				
Week ending:	4	11	18	25	1	8	15	22	1	8	15	22	29
Western Front													
Long Range Bomber	8	6	20	11	8	10	12	10	7	23	25	15	18
Reconnaissance Bombers	11	15	16	17	20	17	15	12	15	18	12	20	20
Fighter-bombers	(included under long range bombers until the week ending May 23)												
Fighters	70	45	90	100	60	105	135	100	75	115	120	85	140
Total	89	66	126	128	88	132	162	122	97	156	157	120	178
Mediterranean Front													
Long Range Bombers	45	30	45	45	60	40	40	25	45	35	30	45	65
Reconnaissance Bombers	60	40	30	25	25	20	30	30	30	30	25	25	20
Dive Bombers	(included under long range bombers until the week ending July 22)												
Fighters	130	120	150	145	125	130	150	120	250	220	120	150	200
Total [1]	235	190	225	215	210	190	220	175	325	275	175	220	265

1. In addition, there were an average of 15-20 sorties per day of coastal aircraft during the first half of 1943.

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	April 5	April 12	April 19	April 26	May 3	May 10	May 18	May 23	May 30
Western Front									
Long Range Bombers	11	12	10	11	6	7	20	10	7
Reconnaissance Bombers	15	17	21	20	15	15	20	12	17
Fighter Bombers								20	20
Fighters	165	100	265	110	125	70	290	165	120
Total	191	129	296	141	146	92	330	207	164
Mediterranean Front									
Long Range Bombers	60	55	30	30	15	10	25	20	5
Reconnaissance Bombers	30	25	25	20	15	10	15	10	25
Dive Bombers									
Fighters	200	200	200	220	200	160	180	135	140
Total	290	280	255	270	230	180	220	165	170

* Source: Air Ministry, Activity of the German Air Force (weekly).

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Table O-1. WEEKLY GERMAN AIR FORCE SCALE OF EFFORT*
Daily Average Sorties

Week ending:	June 7	June 13	June 20	June 27	July 4	July 11	July 18	July 25	Aug. 1	Aug. 8	Aug. 15	Aug. 22	Aug. 28	Sept. 5
Western Front														
Long range bombers	6	8	12	8	3	7	18	8	20	2	11	19	16	12
Reconnaissance bombers	15	17	15	21	26	25	18	19	27	18	22	19	25	27
Fighter bombers			7	12	0	0	0	0	0	0	15	13	0	0
Defensive fighters	80	140	140	265	167	160	155	78	250	85	150	300	230	215
TOTAL	101	165	174	306	196	192	191	105	297	105	198	351	271	254

Week ending:	June 4	June 11	June 17	June 24	July 1	July 8	July 15	July 22	July 29	Aug. 5	Aug. 13	Aug. 20	Aug. 27	Sept. 3
Mediterranean Front														
Long range bombers	10	10	40	20	20	15	55	40	40	25	35	40	20	10
Reconnaissance bombers	25	30	35	35	35	55	50	50	50	40	40	50	45	40
Fighter bombers and twin engine fighters								25**	40	20	25	15	10	25
Single engine fighters	160	180	190	170	180	170	200	70	80	60	60	140	120	120
TOTAL	195	220	265	225	235	240	305	185	210	145	160	245	195	195

*Source: Air Ministry, Activity of the German Air Force (weekly).

** Previously included under single-engine fighters.

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	Sept. 12	Sept. 19	Sept. 26	Oct. 3	Oct. 10	Oct. 17	Oct. 24	Oct. 31	Nov. 6	Nov. 14	Nov. 21	Nov. 28	Dec. 5
Western Front													
Long-range bombers	10	18	16	11	23	7	30	9	16	6	15	8	8
Reconnaissance bombers	20	17	15	15	17	14	15	20	20	20	20	20	15
Fighter bombers	8	20	0	0	5	5	15	0	15	10	10	10	--
Defensive fighters	260	155	200	120	120	200	165	65	150	75	150	175	150
Total	298	210	231	146	165	226	225	94	201	111	195	213	173

	Sept. 10	Sept. 17	Sept. 24	Oct. 1	Oct. 8	Oct. 15	Oct. 22	Oct. 29	Nov. 5	Nov. 12	Nov. 19	Nov. 26	Dec. 3
Mediterranean Front													
Long-range bombers	50	35	5	31	45	40	45	45	25	60	50	11	18
Reconnaissance bombers	50	45	40	55*	55	40	40	30	35	45	40	20	35
Fighter bombers	25	25	20	10	15	20	10	15	20	25	5	5	30
Dive bombers				15	45	30	20	75	15	15	50	5	5
Single-engine fighters	100	85	50	80	105	110	55	61	81	133	55-65	46	60
Total	225	190	115	191	265	240	170	226	176	278	200-210	87	148

* Includes estimated sorties for Eastern Mediterranean.

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	1943 Dec. 12	Dec. 19	Dec. 26	Jan. 2	Jan. 9	1944 Jan. 16	Jan. 23	Jan. 30
Western Front								
Long-range bombers	6	2	13	9	9	4	19	27
Reconnaissance bombers	16	18	16	15	15	16	21	17
Fighter bombers	--	--	11	--	--	15	15	15
Defensive fighters	125	220	250	230	265	210	210	315
Total	147	240	290	254	289	245	255	374

Mediterranean Front	Dec. 10	Dec. 17	Dec. 24	Dec. 31	Jan. 7	Jan. 14	Jan. 21	Jan. 28
Long-range bombers	--	6	6	3	--	9	--	40
Reconnaissance bombers	35	30	30	5	25	30	25	40
Fighter bombers	20	20	10	15	6	15	20	35
Dive bombers	10	10	1	55	--	--	--	--
Single-engine fighters	55	80	50	21	55	95	100	120
Total	120	146	96	99	86	149	145	235

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